

**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No.: 10/581,327  
Filing Date: June 1, 2006  
Applicant: Hiroji Masuda, et al.  
Group Art Unit: 2613  
Examiner: Hibret A. Woldekidan  
Title: Inline Repeater and Optical Fiber Communication System  
Attorney Docket: 5259-000065/US/NP

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Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**AMENDMENT IN RESPONSE TO NON-FINAL OFFICE ACTION**

Sir:

In response to the Office Action mailed August 18, 2010, please amend the application as follows and consider the remarks set forth below.

**Amendments to the Claims** begin on page 2 of this paper.

**Remarks** begin on page 6 of this paper.